

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. **(currently amended)** A method of communicating digital data from a computer system to a display device comprising:
  - receiving an analog video signal from a computer system;
  - sampling the analog video signal to ~~detect~~ provide digital ~~a predetermined data pattern of an inherent parameter of the analog signal;~~
  - ~~recovering digital data from the detected~~ detecting a predetermined data pattern from the digital data, wherein the predetermined data pattern corresponds to a frequency or resolution parameter of the analog signal; and
  - in response to detection of the predetermined data pattern, commencing a set-up process for converting a video signal into a display image of improved format for display on the display device, wherein the improved format enables more accurate display of original image data.
2. **(original)** The method according to claim 1, wherein the predetermined data pattern occurs a predetermined time interval after a horizontal sync pulse which is associated with the analog video signal.
3. **(original)** The method according to claim 1, wherein the predetermined data pattern occurs outside of a blanking interval for the analog video signal.
4. **(canceled)**
5. **(previously presented)** The method according to claim 1, wherein the set-up process includes adjusting a sampling rate for sampling the analog video signal.

6. **(previously presented)** The method according to claim 1, wherein the set-up process includes adjusting a sampling phase for sampling the analog video signal.
7. **(previously presented)** The method according to claim 1, wherein the set-up process includes adjusting an orientation of a display image for the display device.
8. **(original)** The method according to claim 7, wherein said adjusting an orientation of the display image comprises adjusting a sampling start time for the analog video signal relative to a horizontal sync pulse.
9. **(original)** The method according to claim 7, wherein said adjusting an orientation of the display image comprises adjusting a sampling start time for the analog video signal relative to a vertical sync pulse.
10. **(canceled)**
11. **(currently amended)** The method according to claim 1, wherein the inherent parameter is representative of a resolution of the analog video signal.
12. **(currently amended)** The method according to claim 1, wherein the analog video signal is formed in accordance with a clock signal, the inherent parameter being representative of a frequency of the clock signal.
13. **(original)** The method according to claim 1, wherein the predetermined data pattern is representative of a beginning of a horizontal blanking interval relative to a horizontal sync pulse for the analog video signal.

14. **(original)** The method according to claim 13, wherein the predetermined data pattern is utilized for adjusting a horizontal orientation of a display image for the display device.

15. **(original)** The method according to claim 1, wherein the predetermined data pattern is representative of a beginning of a vertical blanking interval relative to a vertical sync pulse for the analog video signal.

16. **(original)** The method according to claim 15, wherein the predetermined data pattern is utilized for adjusting a vertical orientation of a display image for the display device.

17. **(currently amended)** An apparatus for communicating digital data from a computer system to a display device comprising:

- a receiver that receives an analog video signal from a computer system;
- a sampling component that samples the analog video signal to detect a predetermined data pattern of an ~~inherent~~ frequency or resolution parameter of the analog signal;
- a processing component that recovers digital data from the detected predetermined data pattern; and
- a display controlling component that commences a set-up process, in response to detection of the predetermined data pattern, for converting a video signal into a display image of improved format for display on the display device, wherein the improved format enables more accurate display of original image data.

18. **(original)** The apparatus according to claim 17, wherein the predetermined data pattern occurs a predetermined time interval after a horizontal sync pulse which is associated with the analog video signal.

19. **(original)** The apparatus according to claim 17, wherein the predetermined data pattern occurs outside of a blanking interval for the analog video signals.
20. **(canceled)**
21. **(previously presented)** The apparatus according to claim 17, wherein the set-up process includes adjusting a sampling rate for sampling the analog video signal.
22. **(previously presented)** The apparatus according to claim 17, wherein the set-up process includes adjusting a sampling phase for sampling the analog video signal.
23. **(previously presented)** The apparatus according to claim 17, wherein the set-up process includes adjusting an orientation of a display image for the display device.
24. **(original)** The apparatus according to claim 23, wherein said adjusting an orientation of the display image comprises adjusting a sampling start time for the analog video signal relative to a horizontal sync pulse.
25. **(original)** The apparatus according to claim 23, wherein said adjusting an orientation of the display image comprises adjusting a sampling start time for the analog video signal relative to a vertical sync pulse.
26. **(canceled)**
27. **(currently amended)** The apparatus according to claim 17, wherein the inherent parameter is representative of a resolution of the analog video signal.
28. **(currently amended)** The apparatus according to claim 17, wherein the analog video signal is formed in accordance with a clock signal, the inherent parameter being representative of a frequency of the clock signal.

29. **(original)** The apparatus according to claim 17, wherein the predetermined data pattern is representative of a beginning of a horizontal blanking interval relative to a horizontal sync pulse for the analog video signal.

30. **(original)** The apparatus according to claim 29, wherein the predetermined data pattern is utilized for adjusting a horizontal orientation of a display image for the display device.

31. **(original)** The apparatus according to claim 17, wherein the predetermined data pattern is representative of a beginning of a vertical blanking interval relative to a vertical sync pulse for the analog video signal.

32. **(original)** The apparatus according to claim 31, wherein the predetermined data pattern is utilized for adjusting a vertical orientation of a display image for the display device.

33. **(previously presented)** The method according to claim 5, wherein the set-up process includes adjusting an orientation of a display image for the display device.

34. **(previously presented)** The apparatus according to claim 21, wherein the set-up process includes adjusting an orientation of a display image for the display device.

35. **(previously presented)** The method according to claim 11, wherein the set-up process includes adjusting an orientation of a display image for the display device

36. **(previously presented)** The apparatus according to claim 27, wherein the set-up process includes adjusting an orientation of a display image for the display device.